

IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant(s): Eduard K. de Jong
Assignee: Sun Microsystems, Inc.
Title: PERMUTATION OF OPCODE VALUES FOR APPLICATION
PROGRAM OBFUSCATION
Serial No.: 10/672,700 Filed: September 25, 2003
Examiner: April Ying Shan Group Art 2135
Unit:
Docket No.: SUN040023

Monterey, CA
May 3, 2007

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

05/08/2007 TNGUYEN 00000046 10672700

01 FC:1806

180.00 OP

INFORMATION DISCLOSURE STATEMENT
UNDER \$1.97(c) WITH FEE

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant(s) wish to call the following documents (a copy of each non-US Patent document is enclosed) to the attention of the Examiner.

U.S. PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME
1)	4,434,436	02/28/84	Kleykamp et al.
2)	5,913,064	06/15/99	Chen
3)	6,098,056	08/01/00	Rusnak et al.
4)	6,101,606	08/08/00	Diersch et al.
5)	6,175,925	01/16/01	Nardone et al.
6)	6,178,509	01/23/01	Nardone et al.
7)	6,205,550	03/20/01	Nardone et al.
8)	6,266,416	07/24/01	Sigbjørnsen et al.
9)	6,289,455	09/11/01	Kocher et al.

10)	6,308,256	10/23/01	Folmsbee
11)	6,334,189	12/25/01	Granger et al.
12)	6,374,402	04/16/02	Schmeidler et al.
13)	6,449,721	09/10/02	Pensak et al.
14)	6,480,959	11/12/02	Granger et al.
15)	6,594,761	07/15/03	Chow et al.
16)	6,615,350	09/02/03	Schell et al.
17)	6,640,305	10/28/03	Kocher et al.
18)	6,643,775	11/04/03	Granger et al.
19)	6,668,325	12/23/03	Collberg et al.
20)	6,779,114	08/17/04	Chow et al.
21)	6,862,683	03/01/05	Wille et al.
22)	6,966,002	11/15/05	Torrubia-Saez
23)	6,981,217	12/27/05	Knauft et al.
24)	7,017,188	03/21/06	Schmeidler et al.
25)	7,054,443	05/30/06	Jakubowski et al.
26)	7,065,652	06/20/06	Xu et al.
27)	7,080,039	07/18/06	Marsh
28)	7,089,594	08/08/06	Lal et al.
29)	7,124,445	10/17/06	Cronce et al.
30)	7,127,712	10/24/06	Noble et al.
31)	7,150,003	12/12/06	Naumovich et al.
32)	2002/0184618	12/05/02	Bala et al.
33)	2003/0093685	05/15/03	Tobin
34)	2003/0123664	07/03/03	Pedlow et al.
35)	2003/0172270	09/11/03	Newcombe et al.
36)	2003/0177391	09/18/03	Ofek et al.
37)	2003/0188187	10/02/03	Uchida
38)	2003/0191938	10/09/03	Woods et al.
39)	2003/0233542	12/18/03	Benaloh
40)	2004/0003278	01/01/04	Chen et al.
41)	2004/0039932	02/26/04	Elazar et al.
42)	2004/0103404	05/27/04	Naumovich et al.

43)	2004/0151306	08/05/04	Kiddy
44)	2004/0260933	12/23/04	Lee
45)	2005/0002053	01/06/05	Meador et al.
46)	2005/0015454	01/20/05	Goodman et al.
47)	2005/0021995	01/27/05	Lal et al.
48)	2005/0044359	02/24/05	Eriksson et al.
49)	2005/0055564	03/10/05	Haselden et al.
50)	2005/0102264	05/12/05	Nason et al.
51)	2006/0026430	02/02/06	Luo
52)	2006/0048228	03/02/06	Takemori et al.
53)	2006/0218539	09/28/06	Stiemens et al.
54)	2006/0271921	11/30/06	Cronce et al.

FOREIGN DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY
1)	WO 00/75760	12/14/00	PCT
2)	WO 01/79972	10/25/01	PCT
3)	WO 02/079955	10/10/02	PCT
4)	WO 04/027678	04/01/04	PCT

OTHER DOCUMENTS

1)	Collberg et al., "Breaking Abstractions and Unstructuring Data Structures", IEEE 2005, pages 1-12 [Online]. Retrieved on September 13, 2005 from the Internet: URL:< http://ieeexplore.ieee.org/xpl/absprintf.jsp?arnumber=674154 >.
2)	Collberg et al., "A Taxonomy of Obfuscating Transformations", 1997, pages 1-36.
3)	Mambo et al., "A Tentative Approach to Constructing Tamper-Resistant Software", ACM 1998, pages 23-33.

A PTO form 1449 listing these documents is enclosed.

Citation of the above documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;

2. a representation that a search has been made, other than as described above; or

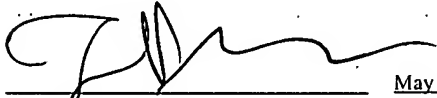
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

Enclosed herewith is a check in the amount of \$180.00 payable to the Director of the United States Patent and Trademark Office, which is the amount for submission of an Information Disclosure Statement given in 37 C.F.R. § 1.17(p).

The Commissioner is hereby authorized to charge any additional fees, which may be required to consider this paper, or credit any overpayment to Deposit Account No. 50-0553.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 3, 2007

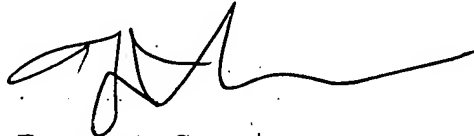


Attorney for Applicant(s)

May 3, 2007

Date of Signature

Respectfully submitted,



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Attorney for Applicant(s)
Reg. No. 32,899
(831) 655-0880

Form PTO-1449

Atty Docket No.

Serial No.

SUN040023

10/672,700

Applicant(s)

Eduard K. de Jong

Filing Date

September 25, 2003

Group

2135

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

MAY 07 2007

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,434,436	02/28/84	Kleykamp et al.	380	209	
	AB	5,913,064	06/15/99	Chen	717	108	
	AC	6,098,056	08/01/00	Rusnak et al.	705	75	
	AD	6,101,606	08/08/00	Diersch et al.	726	27	
	AE	6,175,925	01/16/01	Nardone et al.	726	22	
	AF	6,178,509	01/23/01	Nardone et al.	726	22	
	AG	6,205,550	03/20/01	Nardone et al.	726	22	
	AH	6,266,416	07/24/01	Sigbjørnsen et al.	380	255	
	AI	6,289,455	09/11/01	Kocher et al.	713	194	
	AJ	6,308,256	10/23/01	Folmsbee	712	209	
	AK	6,334,189	12/25/01	Granger et al.	726	26	
	AL	6,374,402	04/16/02	Schmeidler et al.	717	167	
	AM	6,449,721	09/10/02	Pensak et al.	713	171	
	AN	6,480,959	11/12/02	Granger et al.	713	189	
	AO	6,594,761	07/15/03	Chow et al.	713	190	
	AP	6,615,350	09/02/03	Schell et al.	713	168	
	AQ	6,640,305	10/28/03	Kocher et al.	713	194	
	AR	6,643,775	11/04/03	Granger et al.	713	190	
	AS	6,668,325	12/23/03	Collberg et al.	713	194	
	AT	6,779,114	08/17/04	Chow et al.	713	189	

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	AU	WO 00/75760	12/14/00	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Form PTO-1449				Atty Docket No. SUN040023		Serial No. 10/672,700	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION				Applicant(s) Eduard K. de Jong			
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AC	6,981,217	12/27/05	Knauft et al.	715	531		
AD	7,017,188	03/21/06	Schmeidler et al.	726	26		
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AL	2002/0184618	12/05/02	Bala et al.	717	148		
AM	2003/0093685	05/15/03	Tobin	713	190		
AN	2003/0123664	07/03/03	Pedlow et al.	380	218		
AQ	2003/0172270	09/11/03	Newcombe et al.	713	168		
AP	2003/0177391	09/18/03	Ofek et al.	726	4		
AQ	2003/0188187	10/02/03	Uchida	726	26		
AR	2003/0191938	10/09/03	Woods et al.	713	165		
AS	2003/0233542	12/18/03	Benaloh	713	156		
AT	2004/0003278	01/01/04	Chen et al.	726	21		

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	AF	2005/0015454	01/20/05	Goodman et al.	709	207	
	AG	2005/0021995	01/27/05	Lal et al.	726	4	
	AH	2005/0044359	02/24/05	Eriksson et al.	713	165	
	AI	2005/0055564	03/10/05	Haselden et al.	726	26	
	AJ	2005/0102264	05/12/05	Nason et al.	707	1	
	AK	2006/0026430	02/02/06	Luo	713	176	
	AL	2006/0048228	03/02/06	Takemori et al.	726	22	
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